

Surficial Geologic Map of Fort Richardson, Alaska



US Army Corps
of Engineers
Cold Regions Research &
Engineering Laboratory

Data presented in this map are derived from USGS Open-File Reports 87-168, 88-831, 89-318, 90-238, 91-143, 92-350, and 96-003 (Schmoll et al. 1996; Yehle and Schmoll 1987, 1988, 1989; Yehle et al. 1990, 1991, 1992). Data coverages have been reviewed by Schmoll and Yehle for accuracy and some units have been reclassified for internal consistency. This map represents the surficial geology data layer compiled as part of the GIS database developed by the Cold Regions Research and Engineering Laboratory of the U.S. Army Engineer Research and Development Center for the Directorate of Public Works, U.S. Army-Alaska, Fort Richardson, Alaska. Detailed descriptions of the geologic units and glacial history are described in the accompanying report ERDC/CRREL TR-00-3 (Hunter et al. 2000).



Hunter, L.E., D.E. Lawson, S.R. Bigl, and J.D. Schlager (2000) Glacial geology and stratigraphy of Fort Richardson, Alaska: A review of the available data on the hydrogeology. Hanover, ERDC/CRREL Technical Report 00-3.

Schmoll, H.R., L.A. Yehle, and E. Dobrovolsky (1996) Surficial geologic map of the Anchorage A-8 NE quadrangle, Alaska. Denver, Colorado: U.S. Geological Survey, Open-File Report 96-003.

Yehle, L.A. and H.R. Schmoll (1987) Surficial geologic map of the Anchorage B-7 NW quadrangle, Alaska. Washington, D.C.: U.S. Geological Survey, Open-File Report 87-168.

Yehle, L.A. and H.R. Schmoll (1988) Surficial geologic map of the Anchorage B-7 SE quadrangle, Alaska. Washington, D.C.: U.S. Geological Survey, Open-File Report 88-381.

Yehle, L.A. and H.R. Schmoll (1989) Surficial geologic map of the Anchorage B-7 SW quadrangle, Alaska. Anchorage, Alaska: U.S. Geological Survey, Open-File Report 89-318.

Yehle, L.A., H.R. Schmoll, and E. Dobrovolsky (1990) Geologic map of the Anchorage B-8 SE and part of the Anchorage B-8 NE quadrangles, Alaska. Anchorage, Alaska: U.S. Geological Survey, Open-File Report 90-238.

Yehle, L.A., H.R. Schmoll, and E. Dobrovolsky (1991) Geologic map of the Anchorage B-8 SW quadrangle, Alaska. Washington, D.C.: U.S. Geological Survey, Open-File Report 91-143.

Yehle, L.A., H.R. Schmoll, and E. Dobrovolsky (1992) Surficial geologic map of the Anchorage A-8 SE quadrangle, Alaska. Anchorage, Alaska: U.S. Geological Survey, Open-File 92-350.

LEGEND

REPORT DOCUMENTATION PAGE

| | | |
|--|------------------------------|---|
| 1. REPORT DATE (DD-MM-YYYY) 01-01-2000 | 2. REPORT TYPE map | 3. DATES COVERED (FROM - TO) xx-xx-1995 to xx-xx-1995 |
| 4. TITLE AND SUBTITLE Surficial Geologic Map of Fort Richardson, Alaska Unclassified | | 5a. CONTRACT NUMBER |
| | | 5b. GRANT NUMBER |
| | | 5c. PROGRAM ELEMENT NUMBER |
| 6. AUTHOR(S) Hunter, L. E. ; Lawson, D. E. ; Bigl, S. R. ; Schlagel, J. D ; Schmoll, H. R. ; | | 5d. PROJECT NUMBER |
| | | 5e. TASK NUMBER |
| | | 5f. WORK UNIT NUMBER |
| 7. PERFORMING ORGANIZATION NAME AND ADDRESS US Army Corps of Engineers Cold Regions Research & Engineering Laboratory U.S. Army Engineer Research and Development Center Fort Richardson , AK 00000 | | 8. PERFORMING ORGANIZATION REPORT NUMBER TR00-3APP |
| 9. SPONSORING/MONITORING AGENCY NAME AND ADDRESS , | | 10. SPONSOR/MONITOR'S ACRONYM(S) |
| | | 11. SPONSOR/MONITOR'S REPORT NUMBER(S) |
| 12. DISTRIBUTION/AVAILABILITY STATEMENT A PUBLIC RELEASE | | |

| |
|---|
| |
| 13. SUPPLEMENTARY NOTES Detailed descriptions of the geologic units and glacial history are described in the report ERDC/CRREL TR-00-3. |
| 14. ABSTRACT Surface map of Fort Richardson Alaska |
| 15. SUBJECT TERMS |

| | | | | | |
|--|------------------------------------|-------------------------------------|---|---------------------------------|---|
| 16. SECURITY CLASSIFICATION OF: | | | 17. LIMITATION OF ABSTRACT Public Release | 18. NUMBER OF PAGES 8 | 19a. NAME OF RESPONSIBLE PERSON Fenster, Lynn lfenster@dtic.mil |
| a. REPORT Unclassified | b. ABSTRACT Unclassified | c. THIS PAGE Unclassified | | | 19b. TELEPHONE NUMBER International Area Code Area Code Telephone Number 703 767-9007 DSN 427-9007 |

LEGEND

Page 3

Page 4

Main Map

Page 5

Page 6

Page 7

Page 8









